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- (18) Land application plans. When required by a permit condition to incorporate a land application plan for beneficial reuse of sewage sludge, to revise an existing land application plan, or to add a land application plan.
- (b) Causes for modification or revocation and reissuance. The following are causes to modify or, alternatively, revoke and reissue a permit:
- (1) Cause exists for termination under §122.64, and the Director determines that modification or revocation and reissuance is appropriate.
- (2) The Director has received notification (as required in the permit, see §122.41(1)(3)) of a proposed transfer of the permit. A permit also may be modified to reflect a transfer after the effective date of an automatic transfer (§122.61(b)) but will not be revoked and reissued after the effective date of the transfer except upon the request of the new permittee.

[48 FR 14153, Apr. 1, 1983, as amended at 49 FR 25981, June 25, 1984; 49 FR 37009, Sept. 29, 1984; 49 FR 38050, Sept. 26, 1984; 50 FR 4514, Jan. 31, 1985; 51 FR 20431, June 4, 1986; 51 FR 26993, July 28, 1986; 54 FR 256, 258, Jan. 4, 1989; 4 FR 18784, May 2, 1989; 60 FR 33931, June 29, 19951

## § 122.63 Minor modifications of permits.

Upon the consent of the permittee, the Director may modify a permit to make the corrections or allowances for changes in the permitted activity listed in this section, without following the procedures of part 124. Any permit modification not processed as a minor modification under this section must be made for cause and with part 124 draft permit and public notice as required in §122.62. Minor modifications may only:

- (a) Correct typographical errors;
- (b) Require more frequent monitoring or reporting by the permittee;
- (c) Change an interim compliance date in a schedule of compliance, provided the new date is not more than 120 days after the date specified in the existing permit and does not interfere with attainment of the final compliance date requirement; or
- (d) Allow for a change in ownership or operational control of a facility where the Director determines that no

other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittees has been submitted to the Director.

- (e)(1) Change the construction schedule for a discharger which is a new source. No such change shall affect a discharger's obligation to have all pollution control equipment installed and in operation prior to discharge under § 122.29.
- (2) Delete a point source outfall when the discharge from that outfall is terminated and does not result in discharge of pollutants from other outfalls except in accordance with permit limits.
  - (f) [Reserved]
- (g) Incorporate conditions of a POTW pretreatment program that has been approved in accordance with the procedures in 40 CFR 403.11 (or a modification thereto that has been approved in accordance with the procedures in 40 CFR 403.18) as enforceable conditions of the POTW's permits.

[48 FR 14153, Apr. 1, 1983, as amended at 49 FR 38051, Sept. 26, 1984; 51 FR 20431, June 4, 1986; 53 FR 40616, Oct. 17, 1988; 60 FR 33931, June 29, 1995]

# §122.64 Termination of permits (applicable to State programs, see §123.25).

- (a) The following are causes for terminating a permit during its term, or for denying a permit renewal application:
- (1) Noncompliance by the permittee with any condition of the permit;
- (2) The permittee's failure in the application or during the permit issuance process to disclose fully all relevant facts, or the permittee's misrepresentation of any relevant facts at any time;
- (3) A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by permit modification or termination; or
- (4) A change in any condition that requires either a temporary or permanent reduction or elimination of any discharge or sludge use or disposal practice controlled by the permit (for

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example, plant closure or termination of discharge by connection to a POTW).

(b) The Director shall follow the applicable procedures in part 124 or State procedures in terminating any NPDES permit under this section.

[48 FR 14153, Apr. 1, 1983; 50 FR 6940, Feb. 19, 1985, as amended at 54 FR 18784, May 2, 1989]

## APPENDIX A TO PART 122—NPDES PRIMARY INDUSTRY CATEGORIES

Any permit issued after June 30, 1981 to dischargers in the following categories shall include effluent limitations and a compliance schedule to meet the requirements of section 301(b)(2)(A), (C), (D), (E) and (F) of CWA, whether or not applicable effluent limitations guidelines have been promulgated. See §§ 122.44 and 122.46.

#### Industry Category

Adhesives and sealants Aluminum forming Auto and other laundries Battery manufacturing Coal mining Coil coating Copper forming Electrical and electronic components Electroplating Explosives manufacturing Foundries Gum and wood chemicals Inorganic chemicals manufacturing Iron and steel manufacturing Leather tanning and finishing Mechanical products manufacturing Nonferrous metals manufacturing Ore mining Organic chemicals manufacturing Paint and ink formulation Pesticides Petroleum refining Pharmaceutical preparations Photographic equipment and supplies Plastics processing Plastic and synthetic materials manufacturing Porcelain enameling Printing and publishing Pulp and paper mills Rubber processing Soap and detergent manufacturing Steam electric power plants Textile mills

# APPENDIX B TO PART 122—CRITERIA FOR DETERMINING A CONCENTRATED ANIMAL FEEDING OPERATION (§122.23)

Timber products processing

An animal feeding operation is a concentrated animal feeding operation for purposes of §122.23 if either of the following criteria are met.

- (a) More than the numbers of animals specified in any of the following categories are confined:
- (1) 1,000 slaughter and feeder cattle,
- (2) 700 mature dairy cattle (whether milked or dry cows),
- (3) 2,500 swine each weighing over 25 kilograms (approximately 55 pounds),
  - (4) 500 horses,
  - (5) 10,000 sheep or lambs,
  - (6) 55,000 turkeys,
- (7) 100,000 laying hens or broilers (if the facility has continuous overflow watering),
- (8) 30,000 laying hens or broilers (if the facility has a liquid manure system),
  - (9) 5.000 ducks, or
  - (10) 1,000 animal units; or
- (b) More than the following number and types of animals are confined:
  - (1) 300 slaughter or feeder cattle,
- (2) 200 mature dairy cattle (whether milked or dry cows),
- (3) 750 swine each weighing over 25 kilograms (approximately 55 pounds),
  - (4) 150 horses,
  - (5) 3,000 sheep or lambs,
  - (6) 16,500 turkeys,
- (7) 30,000 laying hens or broilers (if the facility has continuous overflow watering),
- (8) 9,000 laying hens or broilers (if the facility has a liquid manure handling system),
  - (9) 1,500 ducks, or
  - (10) 300 animal units;

and either one of the following conditions are met: pollutants are discharged into navigable waters through a manmade ditch, flushing system or other similar man-made device; or pollutants are discharged directly into waters of the United States which originate outside of and pass over, across, or through the facility or otherwise come into direct contact with the animals confined in the operation.

Provided, however, that no animal feeding operation is a concentrated animal feeding operation as defined above if such animal feeding operation discharges only in the event of a 25 year, 24-hour storm event.

The term *animal unit* means a unit of measurement for any animal feeding operation calculated by adding the following numbers: the number of slaughter and feeder cattle multiplied by 1.0, plus the number of mature dairy cattle multiplied by 1.4, plus the number of swine weighing over 25 kilograms (approximately 55 pounds) multiplied by 0.4, plus the number of sheep multiplied by 0.1, plus the number of horses multiplied by 2.0.

The term *manmade* means constructed by man and used for the purpose of transporting wastes.

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APPENDIX C TO PART 122—CRITERIA FOR DETERMINING A CONCENTRATED AQUATIC ANIMAL PRODUCTION FACILITY (§ 122.24)

A hatchery, fish farm, or other facility is a concentrated aquatic animal production facility for purposes of \$122.24 if it contains, grows, or holds aquatic animals in either of the following categories:

the following categories:
(a) Cold water fish species or other cold water aquatic animals in ponds, raceways, or other similar structures which discharge at least 30 days per year but does not include:

least 30 days per year but does not include:
(1) Facilities which produce less than 9,090 harvest weight kilograms (approximately 20,000 pounds) of aquatic animals per year; and

(2) Facilities which feed less than 2,272 kilograms (approximately 5,000 pounds) of food during the calendar month of maximum feeding.

(b) Warm water fish species or other warm water aquatic animals in ponds, raceways, or other similar structures which discharge at least 30 days per year, but does not include:

(1) Closed ponds which discharge only during periods of excess runoff; or

(2) Facilities which produce less than 45,454 harvest weight kilograms (approximately 100,000 pounds) of aquatic animals per year.

100,000 pounds) of aquatic animals per year. "Cold water aquatic animals" include, but are not limited to, the *Salmonidae* family of fish; e.g., trout and salmon.

"Warm water aquatic animals" include, but are not limited to, the *Ameiuride, Centrarchidae* and *Cyprinidae* families of fish; e.g., respectively, catfish, sunfish and minnows

APPENDIX D TO PART 122—NPDES PERMIT APPLICATION TESTING REQUIREMENTS (§ 122.21)

TABLE I—TESTING REQUIREMENTS FOR ORGANIC TOXIC POLLUTANTS BY INDUSTRIAL CATEGORY FOR EXISTING DISCHARGERS

|                         | GC/MS Fraction <sup>1</sup> |      |                  |                |  |  |
|-------------------------|-----------------------------|------|------------------|----------------|--|--|
| Industrial category     | Volatile                    | Acid | Base/<br>neutral | Pes-<br>ticide |  |  |
| Adhesives and           |                             |      |                  |                |  |  |
| Sealants                | 2                           | 2    | 2                |                |  |  |
| Aluminum Forming        | 2                           | 2    | 2                |                |  |  |
| Auto and Other Laun-    |                             |      |                  |                |  |  |
| dries                   | 2                           | 2    | 2                | 2              |  |  |
| Battery Manufacturing   | 2                           |      | 2                |                |  |  |
| Coal Mining             | 2                           | 2    | 2                | 2              |  |  |
| Coil Coating            | 2                           | 2    | 2                |                |  |  |
| Copper Forming          | 2                           | 2    | 2                |                |  |  |
| Electric and Electronic |                             |      |                  |                |  |  |
| Components              | 2                           | 2    | 2                | 2              |  |  |
| Electroplating          | 2                           | 2    | 2                |                |  |  |
| Explosives Manufac-     |                             |      |                  |                |  |  |
| turing                  |                             | 2    | 2                |                |  |  |
| Foundries               | 2                           | 2    | 2                |                |  |  |

|                                       |          | GC/MS F | raction 1        |                |
|---------------------------------------|----------|---------|------------------|----------------|
| Industrial category                   | Volatile | Acid    | Base/<br>neutral | Pes-<br>ticide |
| Gum and Wood                          |          |         |                  |                |
| Chemicals                             | 2        | 2       | 2                | 2              |
| norganic Chemicals                    |          |         |                  |                |
| Manufacturing                         | 2        | 2       | 2                |                |
| ron and Steel Manu-                   |          |         |                  |                |
| facturing                             | 2        | 2       | 2                |                |
| eather Tanning and                    |          |         |                  |                |
| Finishing                             | 2        | 2       | 2                | 2              |
| Mechanical Products                   |          |         |                  |                |
| Manufacturing                         | 2        | 2       | 2                |                |
| Nonferrous Metals                     | 2        | 2       | 2                | 2              |
| Manufacturing                         | 2 2      | 2       | 2                | 2              |
| Ore Mining                            |          |         |                  | 2              |
| Organic Chemicals                     | 2        | 2       | 2                | 2              |
| Manufacturing<br>Paint and Ink Formu- |          |         |                  |                |
| lation                                | 2        | 2       | 2                | 2              |
| Pesticides                            | 2        | 2       | 2                | 2              |
| etroleum Refining                     | 2        | 2       | 2                | 2              |
| harmaceutical Prep-                   | _        |         | _                |                |
| arations                              | 2        | 2       | 2                |                |
| hotographic Equip-                    |          |         |                  |                |
| ment and Supplies                     | 2        | 2       | 2                | 2              |
| lastic and Synthetic                  |          |         |                  |                |
| Materials Manufac-                    |          |         |                  |                |
| turing                                | 2        | 2       | 2                | 2              |
| Plastic Processing                    | 2        |         |                  |                |
| Porcelain Enameling                   | 2        |         | 2                | 2              |
| Printing and Publish-                 |          |         |                  |                |
| ing                                   | 2        | 2       | 2                | 2              |
| Pulp and Paper Mills                  | 2        | 2       | 2                | 2              |
| Rubber Processing                     | 2        | 2       | 2                |                |
| Soap and Detergent                    |          |         |                  |                |
| Manufacturing                         | 2        | 2       | 2                |                |
| Steam Electric Power                  |          |         |                  |                |
| Plants                                | 2        | 2       | 2                |                |
| Textile Mills                         | 2        | 2       | 2                | 2              |
| Timber Products Proc-                 |          |         |                  |                |
| essing                                | 2        | 2       | 2                | 2              |

<sup>&</sup>lt;sup>1</sup> The toxic pollutants in each fraction are listed in Table II.

1V acrolein

TABLE II—ORGANIC TOXIC POLLUTANTS IN EACH OF FOUR FRACTIONS IN ANALYSIS BY GAS CHROMATOGRAPHY/ MASS SPECTROSCOPY (GS/MS)

#### Volatiles

| 2V  | acrylonitrile            |
|-----|--------------------------|
| 3V  | benzene                  |
| 5V  | bromoform                |
| 6V  | carbon tetrachloride     |
| 7V  | chlorobenzene            |
| 8V  | chlorodibromomethane     |
| 9V  | chloroethane             |
| 10V | 2-chloroethylvinyl ether |
| 11V | chloroform               |
| 12V | dichlorobromomethane     |
| 14V | 1,1-dichloroethane       |
| 15V | 1,2-dichloroethane       |
| 16V | 1,1-dichloroethylene     |
| 17V | 1,2-dichloropropane      |
| 18V | 1,3-dichloropropylene    |
| 19V | ethylbenzene             |
| 20V | methyl bromide           |
| 21V | methyl chloride          |
|     |                          |

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```
22V
     methylene chloride
                                                43B N-nitrosodiphenylamine
     1,1,2,2-tetrachloroethane
23V
                                                44B
                                                     phenanthrene
     tetrachloroethylene
24V
                                                45B
                                                     pyrene
                                                     1,2,4-trichlorobenzene
25V
     toluene
                                                46B
     1.2-trans-dichloroethylene
26V
                                                                  Pesticides
     1,1,1-trichloroethane
27V
28V
     1,1,2-trichloroethane
                                                    aldrin
29V
     trichloroethylene
                                                     alpha-BHC
31V vinyl chloride
                                                     beta-BHC
                                                 4P
                                                     gamma-BHC
              Acid Compounds
                                                     delta-BHC
1A
     2-chlorophenol
                                                 6P
                                                     chlordane
     2,4-dichlorophenol
                                                 7P
                                                     4,4'-DDT
2A
                                                     4,4'-DDE
     2,4-dimethylphenol
                                                 8P
 3A
                                                     4,4'-DDD
4A 4,6-dinitro-o-cresol
                                                 9P
     2,4-dinitrophenol
                                                10P
                                                     dieldrin
5A
     2-nitrophenol
                                                     alpha-endosulfan
6A
                                                11P
    4-nitrophenol
p-chloro-m-cresol
7A
                                                12P
                                                     beta-endosulfan
                                                     endosulfan sulfate
8A
                                                13P
     pentachlorophenol
9A
                                                14P
                                                     endrin
                                                     endrin aldehyde
     phenol
10A
                                                15P
                                                     heptachlor
heptachlor epoxide
11A
     2,4,6-trichlorophenol
                                                16P
                                                17P
                Base/Neutral
                                                18P
                                                     PCB-1242
                                                     PCB-1254
                                                19P
1B
    acenaphthene
                                                20P
                                                     PCB-1221
     acenaphthylene
2B
                                                21P
                                                     PCB-1232
3B
     anthracene
                                                22P
                                                     PCB-1248
4B
     benzidine
                                                    PCB-1260
                                                23P
5B
     benzo(a)anthracene
                                                24P
                                                     PCB-1016
6B
     benzo(a)pyrene
                                                25P
                                                     toxaphene
     3.4-benzofluoranthene
7B
     benzo(ghi)perylene
8B
                                                TABLE III—OTHER TOXIC POLLUTANTS
     benzo(k)fluoranthene
9B
                                                    (METALS AND CYANIDE) AND TOTAL
10B
     bis(2-chloroethoxy)methane
                                                    PHENOLS
11B
     bis(2-chloroethyl)ether
12B
     bis(2-chloroisopropyl)ether
                                                Antimony, Total
13B
     bis (2-ethylhexyl)phthalate
                                                Arsenic, Total
14B
     4-bromophenyl phenyl ether
                                                Beryllium, Total
15B
     butylbenzyl phthalate
                                                Cadmium, Total
16B
     2-chloronaphthalene
                                                Chromium, Total
17B
    4-chlorophenyl phenyl ether
                                                Copper, Total
18B
     chrysene
                                                Lead, Total
19B
     dibenzo(a,h)anthracene
                                                Mercury, Total
Nickel, Total
20B
     1,2-dichlorobenzene
     1,3-dichlorobenzene
                                                Selenium, Total
22B
     1,4-dichlorobenzene
                                                Silver, Total
Thallium, Total
23B 3,3'-dichlorobenzidine
     diethyl phthalate
                                                Zinc, Total
Cyanide, Total
     dimethyl phthalate
26B
     di-n-butyl phthalate
```

29B di-n-octyl phthalate 30B 1,2-diphenylhydrazine (as azobenzene)

31B fluroranthene 32Bfluorene

27B

hexachlorobenzene 33B 34B hexachlorobutadiene 35B hexachlorocyclopentadiene

hexachloroethane indeno(1,2,3-cd)pyrene 36B

2,4-dinitrotoluene

2,6-dinitrotoluene

37B isophorone 38B

napthalene 39B 40B nitrobenzene

41B N-nitrosodimethylamine

42B N-nitrosodi-n-propylamine

Phenols, Total

TABLE IV-CONVENTIONAL AND NON-CONVENTIONAL POLLUTANTS RE-QUIRED TO BE TESTED BY EXISTING DISCHARGERS IF EXPECTED TO BE PRESENT

Bromide

Chlorine, Total Residual

Color Fecal Coliform Fluoride Nitrate-Nitrite

Nitrogen, Total Organic

Oil and Grease

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Phosphorus, Total Radioactivity Sulfate Sulfide Sulfite Surfactants Aluminum, Total Barium, Total Boron, Total Cobalt, Total Iron, Total Magnesium, Total Manganese, Total Tin, Total Titanium, Total

TABLE V—TOXIC POLLUTANTS AND HAZ-ARDOUS SUBSTANCES REQUIRED TO BE IDENTIFIED BY EXISTING DIS-CHARGERS IF EXPECTED TO BE PRESENT

#### Toxic Pollutants

#### Asbestos

#### Hazardous Substances

Acetaldehyde Allyl alcohol Allyl chloride Amyl acetate Aniline Benzonitrile Benzyl chloride Butyl acetate Butylamine Captan Carbaryl Carbofuran Carbon disulfide Chlorpyrifos Coumaphos Cresol Crotonaldehyde Cyclohexane 2,4-D (2,4-Dichlorophenoxy acetic acid) Diazinon Dicamba Dichlobenil Dichlone 2,2-Dichloropropionic acid Dichlorvos Diethyl amine Dimethyl amine Dintrobenzene Diquat Disulfoton Diuron Epichlorohydrin Ethion Ethylene diamine Ethylene dibromide Formaldehyde Furfural Guthion Isoprene

Isopropanolamine Dodecylbenzenesulfonate Kelthane Kepone Malathion Mercaptodimethur Methoxychlor Methyl mercaptan Methyl methacrylate Methyl parathion Mevinphos Mexacarbate Monoethyl amine Monomethyl amine Naled Napthenic acid Nitrotoluene Parathion Phenolsulfanate Phosgene Propargite Propylene oxide Pyrethrins Quinoline Resorcinol Strontium Strychnine Styrene 2,4,5-T (2,4,5-Trichlorophenoxy acetic acid) TDE (Tetrachlorodiphenylethane) 2,4,5-TP [2-(2,4,5-Trichlorophenoxy) propanoic acid Trichlorofan Triethanolamine dodecylbenzenesulfonate Triethylamine Trimethylamine Uranium Vanadium Vinyl acetate Xylene Xvlenol

[Note 1: The Environmental Protection Agency has suspended the requirements of  $\S 122.21(g)(7)(ii)(A)$  and Table I of Appendix D as they apply to certain industrial categories. The suspensions are as follows:

Zirconium

a. At 46 FR 2046, Jan. 8, 1981, the Environmental Protection Agency suspended until further notice §122.21(g)(7)(ii)(A) as it applies to coal mines.

b. At 46 FR 22585, Apr. 20, 1981, the Environmental Protection Agency suspended until further notice §122.21(g)(7)(ii)(A) and the corresponding portions of Item V-C of the NPDES application Form 2c as they apply

to:
1. Testing and reporting for all four organic fractions in the Greige Mills Subcategory of the Textile Mills industry (Subpart C—Low water use processing of 40 CFR part 410), and testing and reporting for the pesticide fraction in all other subcategories of this industrial category.

2. Testing and reporting for the volatile, base/neutral and pesticide fractions in the Base and Precious Metals Subcategory of the Ore Mining and Dressing industry (subpart B

of 40 CFR part 440), and testing and reporting for all four fractions in all other subcategories of this industrial category.

- 3. Testing and reporting for all four GC/MS fractions in the Porcelain Enameling industry.
- c. At 46 FR 35090, July 1, 1981, the Environmental Protection Agency suspended until further notice §122.21(g)(7)(ii)(A) and the corresponding portions of Item V-C of the NPDES application Form 2c as they apply to:
- 1. Testing and reporting for the pesticide fraction in the Tall Oil Rosin Subcategory (subpart D) and Rosin-Based Derivatives Subcategory (subpart F) of the Gum and Wood Chemicals industry (40 CFR part 454), and testing and reporting for the pesticide and base/netural fractions in all other subcategories of this industrial category.
- 2. Testing and reporting for the pesticide fraction in the Leather Tanning and Finishing, Paint and Ink Formulation, and Photographic Supplies industrial categories.
- 3. Testing and reporting for the acid, base/ neutral and pesticide fractions in the Petroleum Refining industrial category.
- 4. Testing and reporting for the pesticide fraction in the Papergrade Sulfite subcategories (subparts J and U) of the Pulp and Paper industry (40 CFR part 430); testing and reporting for the base/neutral and pesticide fractions in the following subcategories: Deink (subpart Q), Dissolving Kraft (subpart F), and Paperboard from Waste Paper (subpart E); testing and reporting for the volatile, base/neutral and pesticide fractions in the following subcategories: BCT Bleached Kraft (subpart H), Semi-Chemical (subparts B and C), and Nonintegrated-Fine Papers (subpart R); and testing and reporting for the acid, base/neutral, and pesticide fractions in the following subcategories: Fine Bleached Kraft (subpart I), Dissolving Sulfite Pulp (subpart K). Groundwood-Fine Papers (subpart O), Market Bleached Kraft (subpart G), Tissue from Wastepaper (subpart T), and Nonintegrated-Tissue Papers (subpart S).
- 5. Testing and reporting for the base/neutral fraction in the Once-Through Cooling Water, Fly Ash and Bottom Ash Transport Water process wastestreams of the Steam Electric Power Plant industrial category.

This revision continues these suspensions.]\* For the duration of the suspensions, therefore, Table I effectively reads:

\*Editorial Note: The words "This revision" refer to the document published at 48 FR 14153, Apr. 1, 1983.

TABLE I—TESTING REQUIREMENTS FOR OR-GANIC TOXIC POLLUTANTS BY INDUSTRY CAT-EGORY

|  | GC/MS fraction <sup>2</sup> |       |                  |                  |
|--|-----------------------------|-------|------------------|------------------|
| Industry category                                    | Vola-<br>tile               | Acid  | Neu-<br>tral     | Pes-<br>ticide   |
| Adhesives and sealants                               | (¹)                         | (¹)   | (1)              |                  |
| Aluminum forming                                     | (1)                         | (1)   | (1)              |                  |
| Auto and other laundries                             | (1)                         | (1)   | (1)              | (1)              |
| Battery manufacturing                                | (1)                         |       | (1)              | , ,              |
| Coal mining  |                             |       | ' '              |                  |
| Coil coating   | (1)                         | (1)   | (1)              |                  |
| Copper forming                                       | (1)                         | (1)   | (1)              |                  |
| Electric and electronic                              | ` ′                         | ( /   | ` ′              |                  |
| compounds  | (1)                         | (1)   | (1)              | (1)              |
| Electroplating                                       | (1)                         | (1)   | (1)              | ` ′              |
| Explosives manufacturing                             | ` ′                         | (1)   | (1)              |                  |
| Foundries  | (1)                         | (1)   | (1)              |                  |
| Gum and wood (all sub-                               | ` ′                         | ( /   | ` ′              |                  |
| parts except D and F)                                | (1)                         | (1)   |                  |                  |
|  | (1)                         | (1)   | (1)              |                  |
| Subpart D—tall oil rosin<br>Subpart F—rosin-based    | \                           | \ /   | ` ′              |                  |
| derivatives  | (1)                         | (1)   | (1)              |                  |
| Inorganic chemicals manu-                            | . ,                         | . ,   | ` ′              |                  |
| facturing  | (1)                         | (1)   | (1)              |                  |
| Iron and steel manufactur-                           | . ,                         | . ,   | ` ′              |                  |
| ing  | (1)                         | (1)   | (1)              | ļ                |
| Leather tanning and finish-                          |                             |       |                  |                  |
| ing  | (1)                         | (1)   | (1)              |                  |
| Mechanical products manu-                            |                             |       |                  |                  |
| facturing  | (1)                         | (1)   | (1)              |                  |
| Nonferrous metals manu-                              |                             |       |                  |                  |
| facturing  | (1)                         | (1)   | (1)              | (1)              |
| Ore mining (applies to the                           |                             |       |                  |                  |
| base and precious met-                               |                             |       |                  |                  |
| als/Subpart B)                                       |                             | (1)   |                  |                  |
| Organic chemicals manu-                              |                             |       |                  |                  |
| facturing  | (1)                         | (1)   | (1)              | (1)              |
| Paint and ink formulation                            | (1)                         | (1)   | (1)              |                  |
| Pesticides   | (1)                         | (1)   | (1)              | (1)              |
| Petroleum refining                                   | (1)                         |       |                  | l                |
| Pharmaceutical prepara-                              |                             |       |                  |                  |
| tions  | (1)                         | (1)   | (1)              | ŀ                |
| Photographic equipment                               | (4)                         | (4)   | (4)              |                  |
| and supplies   | (1)                         | (1)   | (1)              | ł                |
| Plastic and synthetic mate-                          | (1)                         | (1)   | (1)              | (1)              |
| rials manufacturing                                  | (1)                         | (1)   | (1)              | (1)              |
| Plastic processing                                   | (1)                         |       |                  |                  |
| Porcelain enameling                                  | (1)                         | (1)   | (1)              | (1)              |
| Printing and publishing                              | (¹)                         | (¹)   | ( <sup>1</sup> ) | ( <sup>1</sup> ) |
| Pulp and paperboard                                  |                             |       |                  |                  |
| mills—see footnote <sup>3</sup>                      | (1)                         | (1)   | (1)              |                  |
| Rubber processing                                    | (1)                         | (1)   | (1)              | i                |
| Soap and detergent manu-                             | (1)                         | (1)   | (1)              |                  |
| facturing  | (1)                         | (.)   | (.)              | ŀ                |
| Steam electric power                                 | (1)                         | (1)   |                  |                  |
| plants   | (1)                         | (1)   |                  |                  |
| Textile mills (Subpart C—<br>Greige Mills are exempt |                             |       |                  | 1                |
| from this table)                                     | (1)                         | (1)   | (1)              | 1                |
| Timber products process-                             | ( )                         | ( )   | ( )              |                  |
| ing  | (1)                         | (1)   | (1)              | (1)              |
|  | _ ` ′                       | _ ` ′ | _ ` '            | _ ` ′            |

<sup>&</sup>lt;sup>1</sup> Testing required.

<sup>&</sup>lt;sup>2</sup>The pollutants in each fraction are listed in Item V–C.

<sup>&</sup>lt;sup>3</sup> Pulp and Paperboard Mills

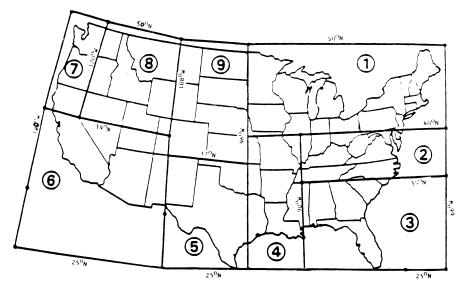
#### Pt. 122, App. E

|                      |     | GS/MS f | ractions              |                      |
|----------------------|-----|---------|-----------------------|----------------------|
| Subpart <sup>3</sup> | VOA | Acid    | Base/<br>neu-<br>tral | Pes-<br>ti-<br>cides |
| Α                    | 2   | (1)     | 2                     | (1)                  |
| В                    | 2   | (1)     | 2                     | 2                    |
| C                    | 2   | (¹)     | 2                     | 2                    |
| D                    | 2   | (1)     | 2                     | 2                    |
| E                    | (1) | (1)     | 2                     | (1)                  |
| F                    | (1) | (1)     | 2                     | 2                    |
| G                    | (1) | (1)     | 2                     | 2                    |
| H                    | (1) | (1)     | 2                     | 2                    |
| 1                    | (1) | (1)     | 2                     | 2                    |
| J                    | (1) | (1)     | (1)                   | 2                    |
| K                    | (1) | (1)     | 2                     | 2                    |
| L                    | (1) | (1)     | 2                     | 2                    |
| M                    | (1) | (1)     | 2                     | 2                    |
| N                    | (1) | (1)     | 2                     | 2                    |

|     |                      | GS/MS fractions |      |                       |                      |
|-----|----------------------|-----------------|------|-----------------------|----------------------|
|     | Subpart <sup>3</sup> | VOA             | Acid | Base/<br>neu-<br>tral | Pes-<br>ti-<br>cides |
| 0   | )                    | (1)             | (1)  | 2                     | 2                    |
| l P | )                    | (1)             | (1)  | 2                     | 2                    |
| l c | 2                    | (1)             | (1)  | 2                     | (1)                  |
| l R |                      | 2               | (1)  | 2                     | 2                    |
| s   | ;                    | (1)             | (1)  | 2                     | (1)                  |
| T   |                      | (¹)             | (¹)  | 2                     | (1)                  |
| l u | J                    | (1)             | (1)  | (1)                   | 2                    |

[48 FR 14153, Apr. 1, 1983, as amended at 49 FR 38050, Sept. 26, 1984; 50 FR 6940, Feb. 19, 1985]

#### APPENDIX E TO PART 122—RAINFALL ZONES OF THE UNITED STATES



Not Shown: Alaska (Zone 7); Hawaii (Zone 7); Northern Mariana Islands (Zone 7); Guam (Zone 7); American Samoa (Zone 7); Trust Territory of the Pacific Islands (Zone 7); Puerto Rico (Zone 3) Virgin Islands (Zone 3).

Source: Methodology for Analysis of Detention Basins for Control of Urban Runoff Quality, prepared for U.S. Environmental Protection Agency, Office of Water, Nonpoint Source Division, Washington, DC, 1986.

[55 FR 48073, Nov. 16, 1990]

Must test.
 Do not test unless "reason to believe" it is discharged.
 Subparts are defined in 40 CFR Part 430.

### **Environmental Protection Agency**

APPENDIX F TO PART 122—INCORPORATED PLACES WITH POPULATIONS GREATER THAN 250,000 ACCORDING TO LATEST DECENNIAL CENSUS BY BUREAU OF CENSUS

APPENDIX G TO PART 122—PLACES WITH POPULATIONS GREATER THAN 100,000 AND LESS THAN 250,000 ACCORDING TO LATEST DECENNIAL CENSUS BY BUREAU OF CENSUS

| State                    | Incorporated place     | State                                   | Incorporated place |
|--------------------------|------------------------|---|--------------------|
| Nabama                   | Birmingham.            | Alabama                                 | . Huntsville.      |
| Arizona                  | Phoenix.               |   | Mobile.            |
|                          | Tucson.                |   | Montgomery.        |
| California               | Long Beach.            | Alaska                                  | . Anchorage.       |
| JaiiiOiTila              |                        | Arizona                                 | Mesa.              |
|                          | Los Angeles.           |   | Tempe.             |
|                          | Oakland.               | Arkansas                                |                    |
|                          | Sacramento.            | California                              |                    |
|                          | San Diego.             |   | Bakersfield.       |
|                          | San Francisco.         |   | Berkeley.          |
|                          | San Jose.              |   | Concord.           |
| Colorado                 | Denver.                |   | Fremont.           |
| District of Columbia     |                        |   | Fresno.            |
| Florida                  | Jacksonville.          |   | Fullerton.         |
| iona                     | Miami.                 |   | Garden Grove.      |
|                          |                        |   | Glendale.          |
|                          | Tampa.                 |   | Huntington Beach.  |
| Georgia                  | Atlanta.               |   | Modesto.           |
| llinois                  | Chicago.               |   | Oxnard.            |
| ndiana                   | Indianapolis.          |   | Pasadena.          |
| Kansas                   | Wichita.               |   | Riverside.         |
| Centucky                 | Louisville.            |   | San Bernadino.     |
| ouisiana                 | New Orleans.           |   | Santa Ana.         |
| Maryland                 | Baltimore.             |   | Stockton.          |
| Massachusetts            | Boston.                |   | Sunnyvale.         |
|                          |                        |   | Torrance.          |
| Michigan                 | Detroit.               | Colorado                                |                    |
| Minnesota                | Minneapolis            | 00101000 111111111111111111111111111111 | Colorado Springs.  |
|                          | St. Paul.              |   | Lakewood.          |
| Missouri                 | Kansas City.           |   | Pueblo.            |
|                          | St. Louis.             | Connecticut                             |                    |
| Nebraska                 | Omaha.                 | Commodical                              | Hartford.          |
| New Jersey               | Newark.                |   | New Haven.         |
| New Mexico               | Albuquerque.           |   | Stamford.          |
| New York                 | Buffalo.               |   | Waterbury.         |
| New York                 |                        | Florida                                 |                    |
|                          | Bronx Borough.         | i ioilua                                | Hialeah.           |
|                          | Brooklyn Borough.      |   | Hollywood.         |
|                          | Manhattan Borough.     |   |                    |
|                          | Queens Borough.        |   | Orlando.           |
|                          | Staten Island Borough. |   | St. Petersburg.    |
| North Carolina           | Charlotte.             | Georgia                                 |                    |
| Ohio                     | Cincinnati.            |   | Macon.             |
| 5                        | Cleveland.             |   | Savannah.          |
|                          | Columbus.              | Idaho                                   |                    |
|                          |                        | Illinois                                |                    |
|                          | Toledo.                |   | Rockford.          |
| Oklahoma                 | Oklahoma City.         | Indiana                                 |                    |
|                          | Tulsa.                 |   | Fort Wayne.        |
| Oregon                   | Portland.              |   | Gary.              |
| Pennsylvania             | Philadelphia.          |   | South Bend.        |
|                          | Pittsburgh.            | lowa                                    | Cedar Rapids.      |
| Tennessee                | Memphis.               |   | Davenport.         |
|                          | Nashville/Davidson.    |   | Des Moines.        |
| Texas                    | Austin.                | Kansas                                  | . Kansas City.     |
| exas                     | 1                      |   | Topeka.            |
|                          | Dallas.                | Kentucky                                | Lexington-Fayette. |
|                          | El Paso.               | Louisiana                               |                    |
|                          | Fort Worth.            |   | Shreveport.        |
|                          | Houston.               | Massachusetts                           |                    |
|                          | San Antonio.           |   | Worcester.         |
| /irginia                 | Norfolk.               | Michigan                                |                    |
|                          | Virginia Beach.        | wiichigan                               | Flint.             |
| Nashington               | Seattle.               |   |                    |
| Washington               |                        |   | Grand Rapids.      |
| Visconsin                | Milwaukee.             |   | Lansing.           |
|                          |                        | -                                       | Livonia.           |
| 55 FR 48073, Nov. 16, 19 | 2001                   |   | Sterling Heights.  |
|                          |                        |   | Warren.            |

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| State              | Incorporated place  |
|--------------------|---|
| Mississippi        | Jackson. Independence. Springfield.   |
| Nebraska<br>Nevada | Lincoln. Las Vegas. Reno.   |
| New Jersey         | Elizabeth. Jersey City.   |
| New York           | Paterson. Albany. Rochester. Syracuse.  |
| North Carolina     | Yonkers. Durham. Greensboro. Raleigh.   |
| Ohio               | Winston-Salem.<br>Akron.<br>Dayton.   |
| Oregon             | Youngstown. Eugene. Allentown. Erie.  |
| Rhode Island       | Providence. Columbia. Chattanooga. Knoxville.   |
| Texas              | Amarillo.<br>Arlington.   |
| UtahVirginia       | Beaumont. Corpus Christi. Garland. Irving. Lubbock. Pasadena. Waco. Salt Lake City. Alexandria. Chesapeake. Hampton. Newport News. Portsmouth. Richmond. Roanoke. |
| Washington         | Spokane. Tacoma.  |
| Wisconsin          | Madison.  |

[55 FR 48074, Nov. 16, 1990]

APPENDIX H TO PART 122—COUNTIES WITH UNINCORPORATED URBANIZED AREAS WITH A POPULATION OF 250,000 OR MORE ACCORDING TO THE LATEST DECENNIAL CENSUS BY THE BUREAU OF CENSUS

| State      | County       | Unincor-<br>porated ur-<br>banized pop-<br>ulation |
|------------|--------------|--|
| California | Los Angeles  | 912,664  |
|            | Sacramento   | 449,056  |
|            | San Diego    | 304,758  |
| Delaware   | New Castle   | 257,184  |
| Florida    | Dade         | 781,949  |
| Georgia    | DeKalb       | 386,379  |
| Hawaii     | Honolulu     | 688,178  |
| Maryland   | Anne Arundel | 271,458  |
|            | Baltimore    | 601,308  |
|            | Montgomery   | 447,993  |

| State | County  | Unincor-<br>porated ur-<br>banized pop-<br>ulation  |
|-------|---|---|
| Texas | Prince George's Harris Salt Lake Fairfax King | 450,188<br>409,601<br>304,632<br>527,178<br>336,800 |

[55 FR 48074, Nov. 16, 1990]

APPENDIX I TO PART 122—COUNTIES
WITH UNINCORPORATED URBANIZED
AREAS GREATER THAN 100,000, BUT
LESS THAN 250,000 ACCORDING TO
THE LATEST DECENNIAL CENSUS BY
THE BUREAU OF CENSUS

| State          | County         | Unincor-<br>porated ur-<br>banized pop-<br>ulation |
|----------------|----------------|--|
| Alabama        | Jefferson      | 102,917  |
| Arizona        | Pima           | 111,479  |
| California     | Alameda        | 187,474  |
|                | Contra Costa   | 158,452  |
|                | Kern           | 117,231  |
|                | Orange         | 210,693  |
|                | Riverside      | 115,719  |
|                | San Bernardino | 148,644  |
| Florida        | Broward        | 159,370  |
|                | Escambia       | 147,892  |
|                | Hillsborough   | 238,292  |
|                | Orange         | 245,325  |
|                | Palm Beach     | 167,089  |
|                | Pinellas       | 194,389  |
|                | Polk           | 104,150  |
|                | Sarasota       | 110,009  |
| Georgia        | Clayton        | 100,742  |
|                | Cobb           | 204,121  |
|                | Richmond       | 118,529  |
| Kentucky       | Jefferson      | 224,958  |
| Louisiana      | Jefferson      | 140,836  |
| North Carolina | Cumberland     | 142,727  |
| Nevada         | Clark          | 201,775  |
| Oregon         | Multnomah      | 141,100  |
|                | Washington     | 109,348  |
| South Carolina | Greenville     | 135,398  |
|                | Richland       | 124,684  |
| Virginia       | Arlington      | 152,599  |
|                | Henrico        | 161,204  |
|                | Chesterfield   | 108,348  |
| Washington     | Snohomish      | 103,493  |
|                | Pierce         | 196,113  |
|                |                |  |

[55 FR 48074, Nov. 16, 1990]

## PART 123—STATE PROGRAM REQUIREMENTS

### Subpart A—General

Sec.123.1 Purpose and scope.123.2 Definitions.123.3 Coordination with other programs.